



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
ONE DENVER PLACE — 999 18TH STREET — SUITE 1300
DENVER, COLORADO 80202-2413



Ref: 8AT-TS

NOV 26 1985

Mr. Ken Jackson
Vice President of Operations
2000 Classen Center
Suite 400 South
Oklahoma City, Oklahoma 73106-6078

Dear Mr. Jackson:

I am pleased to inform you of my approval of your application to build and operate a chemical waste landfill for PCB disposal at your Grassy Mountain Facility in Tooele County, Utah. The formal approval document which contains the conditions of this approval is attached.

This approval, which authorizes specific PCB landfill activities, is issued to you jointly and severally in accordance with Section 6(c) of the Toxic Substances Control Act and regulations promulgated at 40 CFR Part 761, and is subject to the specific conditions attached.

We will be pleased to answer any questions which you or your staff may have regarding this approval. Such questions should be directed to Mr. Stephen Farrow in the Toxic Substances Branch at (303) 293-1742. We appreciate your efforts to develop this type of facility to further our common goal of proper disposal of PCB related materials.

Sincerely,

s/ Irwin L. Dickstein

Irwin L. Dickstein, Director
Air and Toxics Division

Attachment

APPROVAL TO OPERATE A CHEMICAL WASTE LANDFILL
FOR
PCB DISPOSAL

In compliance with the provisions of Section 6(e) of the Toxic Substances Control Act (15 USC 2601), U. S. Pollution Control, Inc. (USPCI), the facility owner and operator, is hereby authorized to operate a chemical waste landfill facility to dispose of non-liquid polychlorinated biphenyls (PCBs). The facility is located in a 40-acre area identified as the northeast quarter of section 16 in T1N R12W of the Gray Back Hills quadrangle, Tooele County, Utah. The facility shall be operated in accordance with the application submitted May 16, 1985 and subsequent information dated July 19, 1985 and October 22, 1985; the rules and regulations promulgated on PCBs (40 CFR Part 761); and specific conditions of this approval document. USPCI shall be jointly and severally responsible for complying with the terms and conditions of this approval.

The U.S. Environmental Protection Agency, Region VIII, hereby authorizes the landfilling of non-liquid PCBs at the site beginning November 26, 1985 and continuing for an indefinite period.

Failure to comply with any condition or term set forth in this approval shall constitute a violation of Section 15(1)(C) of the Toxic Substances Control Act and 40 CFR Part 761, and will be considered grounds for enforcement action pursuant to Section 15, 16, or 17 of the Toxic Substances Control Act. In particular, failure to comply with Conditions No. 9 and 12 of this approval will be grounds for immediate termination of this approval.

This approval does not relieve USPCI from the responsibility for compliance with other applicable provisions of 40 CFR Part 761 or any applicable Federal, State, or local law or regulation.

/s/ Irwin L. Dickstein

Dated: NOV 26 1985

Director, Air and Toxics Division
EPA, Region VIII

APPROVAL CONDITIONS

1. The following PCB wastes are the only PCB wastes authorized for disposal at the site:
 - A. Non-liquid PCBs in the form of contaminated soil, rags, or other debris. Liquid PCBs regardless of concentration, shall not be processed into non-liquid forms for purposes of burial at this landfill.
 - B. Dredged materials and municipal sewage treatment sludge that contain PCBs. These shall be substantially dewatered prior to landfilling, and the water disposed of in accordance with 40 CFR section 761.60(a)(1) or (3).
 - C. PCB transformers that have been drained of all free flowing liquids, filled with a PCB-soluble solvent, allowed to stand for at least 18 hours, and then drained thoroughly. Any residual PCB liquids removed from the transformers by USPCI shall be disposed of in accordance with 40 CFR section 761.60(a)(1) or (3).
 - D. PCB-contaminated transformers which have been drained of all free flowing liquids.
 - E. Capacitors which have been determined to contain no PCBs as indicated by label or nameplate information, manufacturers' literature, or chemical analysis.
 - F. PCB small capacitors not owned by any person who manufactures, or at any time manufactured, PCB capacitors or PCB equipment, or who acquired PCB equipment or capacitors in the course of such manufacturing.
 - G. PCB hydraulic machines which have been drained of all free flowing liquids. If the PCB liquid contained 1000 parts per million (ppm) PCB or greater, the hydraulic machine must have been flushed prior to disposal with a PCB-soluble solvent containing less than 50 ppm PCB.
 - H. PCB articles which have been thoroughly drained of all free flowing PCBs.
 - I. PCB containers which have been used to contain PCB liquids of 500 ppm or greater, and which have not been decontaminated in accordance with 40 CFR section 761.79. Any residual PCB liquids removed from the PCB containers by USPCI shall be disposed of in accordance with 40 CFR section 761.60(a)(1).
 - J. PCB containers used to contain only PCBs of less than 500 ppm concentration. Any residual PCB liquids removed from the PCB containers by USPCI shall be disposed of in accordance with 40 CFR section 761.60(a)(1) or (3).

2. The PCB landfill facility shall be designed and constructed as specified in plans submitted with the application. USPCI shall install leachate collection/monitoring systems immediately beneath PCB disposal areas during trench construction in accordance with plans submitted on May 16, 1985.
3. To achieve an adequate leachate collection slope (2%) at the base of the cell under fully loaded conditions, USPCI shall insert adequate fill at the base of the cell to maintain this slope.
4. Landfill disposal requirements, as specified in 40 CFR sections 761.60, 761.75, and 761.180(b) shall be adhered to at all times. The requirements of 40 CFR section 761.65 shall be adhered to if PCBs are stored prior to disposal.
5. Operational guidelines and procedures shall be adhered to at all times and shall be as specified in the Operations Plan, submitted to the EPA on May 16, 1985, and hereby incorporated as a condition of this approval along with any amendments required to be submitted pursuant to this approval or any future amendments approved or specified in writing by the Director, Air and Toxics Division, EPA, Region VIII. Upon approval by the Air and Toxics Division Director, such amendments shall become conditions of this approval.
6. The Operations Plan shall be specifically amended to incorporate the following items with respect to PCB disposal authorized under this approval:
 - A. The leachate collection/monitoring systems shall be monitored monthly for the presence of liquid. If any liquid is detected, samples shall be taken and analyzed for PCB, pH, specific conductance, and chlorinated organics. All liquids shall be immediately pumped out from the leachate collection/monitoring system and the quantity and quality determined. USPCI shall within 24 hours report in writing to the EPA any instance of detection of liquid in the lechate detection system.
 - B. No collected leachate, regardless of PCB concentration, shall be buried in the area authorized for PCB disposal. Leachate, regardless of PCB concentration, shall be placed into container and stored, in the interim, in accordance with EPA requirements, or shall be placed into container and transported to an EPA-approved liquid disposal facility for PCBs.
 - C. All run-on water from precipitation that accumulates in the area authorized for PCB disposal shall be treated as leachate.
 - D. Results of the monitoring well samplings shall be reported monthly to the EPA. The results of the monthly sampling of the collected leachate shall also be reported. This condition supercedes condition 6(G) in terms of sampling frequency and reporting of well samplings.

- E. All water analyses, including those for collected leachate and for monitoring well samples, shall be performed in accordance with requirements specified in 40 CFR section 761.75(b)(6)(iii) for PCB, pH, specific conductance, and chlorinated organics.
 - F. All monitoring wells at the PCB disposal site and the leachate collection sump wells shall be sampled not less than once every six months after final closure of the PCB disposal site.
 - G. Monitoring plans described in the submittals dated May 16, 1985, shall be adhered to at all times.
7. The EPA shall be notified in writing of all amendments to the Operations Plan. Such amendments may be subject to EPA approval pursuant to 40 CFR section 761.75(b)(8)(ii).
 8. USPCI shall submit to the EPA a monthly written report of any event which is not normal to the operation of the PCB site (e.g., accidents, spills, entry by unauthorized persons or animals, erosions, excessive rainfalls, etc.)
 9. Not more than 24 hours after the detection of PCB's at any of the monitoring wells, USPCI shall notify EPA by electronic or telephonic communication. A written report shall be transmitted to EPA not more than 24 hours after the initial notification.
 10. At the request of the State of Utah or local government in whose jurisdiction the disposal facility is located, an annual written notice, during the time the facility is used for PCB disposal, of the quantities and general description of PCBs disposed of during the year shall be submitted no more than twenty (20) days after the end of the year covered.
 11. EPA officials, upon presentation of credentials, shall be permitted access to the disposal site for the purpose of inspection and sampling.
 12. If at any time the EPA determines that the PCB site is creating an imminent hazard to public health or the environment, this EPA office will notify you as to what steps are necessary to mitigate the imminent hazard. Such steps must be taken by the date provided in such notice.
 13. This approval grants a waiver for 40 CFR section 761.75(b)(3).
 14. The requirement at 40 CFR section 761.75(b)(6)(ii)(A) that groundwater monitoring wells be located directly in the center of the cell is waived on the condition that such wells will be located in the manner described on the drawing entitled, Ground Water Monitoring Wells - Cell X, Well Locations, sheet 1 of 2 in USPCI's supplemental application. This waiver is granted due to the use of a synthetic liner below the cell by USPCI.

15. The requirement at 40 CFR section 761.75(b)(6)(ii)(B) regarding the design of groundwater monitoring wells is waived on the condition that such wells will be designed in the manner described in the Consent Agreement between USPCI and EPA (Docket #RCRA (3008)VIII-85-09).
16. This approval is subject to periodic review as deemed appropriate by the EPA and may be modified, suspended, or revoked in whole or in part for cause including, but not limited to, the following:
 - A. Violation of any terms or conditions of this approval;
 - B. Obtaining this approval by misrepresentation or failure to disclose fully all relevant facts; or
 - C. A material change in any condition that requires cessation of the authorized burial.
17. All reports, notifications, mail or other submittals required to be submitted to the EPA under this Approval to Operate shall be sent to the Director, Air and Toxics Division, U.S. Environmental Protection Agency, Region VIII, One Denver Place, Suite 1300, 8AT-TS, 999 - 18th Street, Denver, Colorado 80202-2413.
18. This approval designates the U.S. Pollution Control, Inc. as the operator of this PCB landfill and applies only to USPCI as designated owner and operator. Before any change of owner or operator of this PCB landfill occurs, the transfer of property procedures in regard to this approval shall be followed as specified in 40 CFR section 761.75(c)(7).